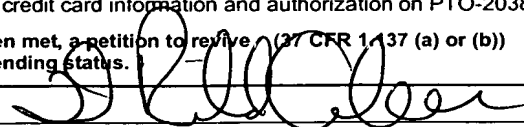


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 1163-0516PUS1 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/517838</b> NEW
INTERNATIONAL APPLICATION NO. PCT/JP2004/004859	INTERNATIONAL FILING DATE 4 April 2004	PRIORITY DATE CLAIMED 4 April 2003
TITLE OF INVENTION      WAVEGUIDE ORTHOMODE TRANSDUCER		
APPLICANT(S) FOR DO/EO/US      Yoji ARAMAKI; Naofumi YONEDA; Moriyasu MIYAZAKI; Akira TSUMURA; and Toshiyuki HORIE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: PCT/IB/308; PCT/ISA/210; Drawings - Three (3) Sheets; and Co-pending Letter		

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U.S. APPLICATION NO. <b>10/517838</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/004859		ATTORNEY'S DOCKET NUMBER 1163-0516PUS1	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee .....				\$	300.00
<input checked="" type="checkbox"/> b) Examination fee .....				\$	200.00
<input checked="" type="checkbox"/> c) Search fee .....				\$	500.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
20 - 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total claims	6 - 20 =	x		\$	0.00
Independent claims	1 - 3 =	x		\$	0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,000.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	1,000.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$	1,000.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				\$	1,040.00
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,040.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-2448</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.437 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
			SIGNATURE: 		
			D. Richard Anderson		
CUSTOMER NUMBER: 02292			NAME		
December 15, 2004			40,439		
/clb			REGISTRATION NUMBER		

10/517838

DT12 PCT/PTO 15 DEC 2004

PATENT  
1163-0516PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Yoji ARAMAKI et al. Conf.: Unassigned  
Appl. No.: New Group: Unassigned  
Filed: December 15, 2004 Examiner: UNASSIGNED  
For: WAVEGUIDE ORTHOMODE TRANSDUCER

L E T T E R

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 15, 2004

Sir:

Under the provisions of MPEP § 2001.06(b), the Examiner is hereby advised of the following co-pending U.S. Application(s):

<u>Appl. No.</u>	<u>Filing Date</u>	<u>Group</u>
10/475,335	April 14, 2003	2817

The subject matter contained in the above-listed co-pending U.S. application(s) may be deemed to relate to the present application, and thus may be material to the prosecution of this instant application.

☐ Copies of cited U.S. patent application(s) (specification, claims, and the drawings) or copies of the portion(s) of the application(s) which caused it(them) to be cited, including any claims directed to such portion(s) are attached hereto.

☒ Copies of the cited U.S. patent application(s) (specification, claims, and the drawings) are available on the USPTO's Image File Wrapper. Therefore copies thereof need not be attached.

☐ The materials in the envelope are considered trade secrets and are being submitted for consideration under MPEP § 724.

The above-listed co-pending application(s) is(are) not to be construed as prior art. By bringing the above-listed application(s) to the attention of the Examiner, Applicant(s) do(does) NOT waive any confidentiality concerning the above-listed co-pending application(s) or this application. See MPEP § 101. Furthermore, if said application(s) should not mature into patents, such application(s) should be preserved in secrecy under the provisions of 35 U.S.C. § 122 and 37 C.F.R. § 1.14.

Appl. No. New

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

By D. Richard Anderson, #40,439

DRA/clb  
1163-0516PUS1  
Attachment(s)

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(703) 205-8000